

PROJECT #	SDC0630000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Rod Steitzer

DESCRIPTION/JUSTIFICATION	
	Flow enters this small ravine from an approximately 135 acre upstream basin via a pipe. Erosion around the pipe outlet has destabilized a road near the ravine, and sends large quantities of sand to downstream reaches of the creek, which results in increased maintenance needs in Everest Park. Installation of a highflow bypass and/or other stabilization features will prevent further damage to the road, and will reduce delivery of sediment to downstream areas thus reducing maintenance needs.

<p>Project moved from 2020-2021 to 2023-2024 based on 2018 reprioritization of the Surface Water Master Plan criteria. Total project costs changed from \$903,700 to \$950,000 due to updated cost estimate including added Critical Areas Ordinance requirements and escalation for future years.</p>
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**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2019 TO 2024**

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DEPARTMENT	Public Works
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PROJECT TITLE	EVEREST CREEK - SLATER AVENUE AT ALEXANDER STREET
CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	<i>During construction of this project, adjacent property owners and motorists will be impacted by construction equipment and possible traffic detours.</i>
Community economic impacts	<i>Would reduce the potential for property damage and road closures due to localized flooding, channel incision, and sedimentation of stormwater infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Would reduce flooding, sedimentation, channel migration/incision associated health, safety and the above community impacts.</i>
Responds to an urgent need or opportunity	<i>Ravine is subject to possible seismic collapse.</i>
Feasibility, including public support and project readiness	<i>Access to the project area is relatively easy, and public support would likely be high. Permitting and environmental issues will be addressed during design.</i>
Conforms to legal or contractual obligations	<i>Will be designed and constructed per professional and legal standards and guidelines.</i>
Responds to state and/or federal mandate	<i>Project improves water quality. Several species listed under the Federal Endangered Species Act live in Lake Washington. The City is obligated to protect these species by improving the quality of water that flows to Lake Washington.</i>
Benefits to other capital projects	<i>May reduce the required scope of SD-0061 as sediment delivery will be reduced.</i>
Implications of deferring the project	<i>Ravine exhibits some instability and deferring the project may increase the likelihood of ravine collapse.</i>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: <i>Everest, Moss Bay</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>No</i> How does the project conform to such references? Attachments <input type="checkbox"/> (Specify)
LEVEL OF SERVICE IMPACT	<input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation). <input type="checkbox"/> Project provides new capacity. Amount of new capacity provided: <input type="checkbox"/> Project assists in meeting/maintaining adopted level of service. <input type="checkbox"/> Project required to meet concurrency standards.